

# STATE OF COLORADO

## COLORADO DEPARTMENT OF HEALTH

Dedicated to protecting and improving the health and environment of the people of Colorado

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Roy Romer  
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Executive Director

February 18 1994

Mr Richard J Schassburger  
U S Department of Energy  
Rocky Flats Office, Building 116  
P O. Box 928  
Golden, Colorado 80402-0928

RE: Prioritization of Treatability Studies

Post-It™ brand fax transmittal memo 7871		# of pages 3
To John Hopkins	From Harris	
Co.	Co.	
Dept.	Phone # 4189	
Fax # 8663	Fax #	

Dear Mr Schassburger

The Colorado Department of Health, Hazardous Materials and Waste Management Division (the Division), and the Environmental Protection Agency Region VIII have recently met with your staff to express the agencies' expectations for activities performed under the Sitewide Treatability Studies Program. This letter serves to formally document our objectives by prioritizing those studies we require DOE to complete within the original three year window stipulated by Section XI of the IAG

The agencies recognize the moving-target nature of technology development; as such, we are giving DOE credit for and likewise requiring DOE to complete, studies that were not in the approved Final Treatability Studies Plan. This compromise reflects current discussions among the parties and attempts to satisfy the data needs of the lead Operable Units as they enter their own Feasibility Studies. Please note that although individual studies are being changed, there is no increase in the number of studies we are requiring DOE to complete.

We are crediting the completion of the following studies TRU-Clean, soil washing, plasma melter (stabilization), and the EPA SITE Demo (microfiltration). We are requiring DOE to complete by the November 12 1994 deadline, the following studies in order of priority:

- |                                  |   |
|----------------------------------|---|
| 1) Radionuclides/metals in soils | Magnetic Separation<br>Chemically Enhanced Steam Stripping<br>Solvent Extraction<br>Physical Separation |
| 2) Radionuclides/metals in water | Adsorption<br>Ion Exchange<br>TRU-Clear   |
| 3) Organics in soil              | Bioremediation  |

We are also requiring the submittal of a workplan for the multiple stabilization technologies by the November date. Several of the studies listed above will provide suitable concentrated sidestreams for stabilization studies.

Additionally as the studies are completed within this time period, we require informal presentations of the data as soon as they are available. However this does not relieve DOE of its responsibility to ultimately submit a formal report on the results of each study

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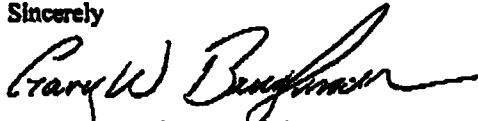
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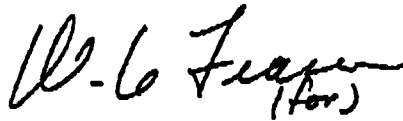
The scope of this effort is limited to DOE's obligations under the original Final Treatability Studies Plan, as amended by this letter. Previous correspondence has clarified our position on the origin and applicability of the November 12, 1994 date. DOE's past performance under this program is responsible for creating this action, and DOE's success in meeting this letter's requirements will be a major consideration in decisions about the overall program in November.

If you have any questions regarding these matters, please call Dave Norbury (CDH) or Arturo Duran (EPA) at 692-3415 or 294-1080 respectively.

Sincerely,



Gary W. Baughman, Chief  
Facilities Section  
Hazardous Waste Control Program



Martin Hestmark, Manager  
Rocky Flats Project  
EPA Region VIII

cc: Arturo Duran, EPA  
Scott Grace, DOE  
Olga Erlich, EG&G  
Laura Perrault, AGO  
Jackie Bernardini, CDH-OE